

**State Indoor Radon Grant (SIRG)
Quarterly Reporting Form
EPA Region III**

Organization:	PA DEP/Bureau of Radiation Protection/Radon Division
Grant Number:	K1-00351721
SIRG Year:	2013-2014
Reporting Period:	April 1, 2014 thru September 30, 2014
Completed by:	Robert K. Lewis
Date:	Sept. 18, 2014

Project Narrative:	The PA DEP Radon Division continues to run both a large radon certification program for roughly 500 certified firms and individuals and the radon monitoring section providing technical support and outreach efforts. This combination accounts for the largest state radon program in the country. This large program is most appropriate in light of Pennsylvania's distinction of having possibly the most severe and widespread radon problems of any state in the country.
List successes:	A very significant number of homes, buildings and schools were tested for radon. A smaller, but still significant number of homes tested, subsequently had radon reduction via sub-slab systems. This accounts for significant dose reduction. We have a full compliment of technical staff, now with all reasonable amounts of work experience. We have completed the draft version of our new Chapter 240, Radon Regulations. A new Quality Assurance Project Plan has been submitted to EPA Region III for review. Matt Shields will be the sole representative at the Annual Radon Meeting.
List challenges:	I would say challenges continue to be similar to previous years. Inability to get laws passed to require radon testing, an out of sight out of mind mentality, radon is sort of a "ho hum" idea to many, and people seem to be so busy with so many other things in their lives to consider radon testing.
Any other:	

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Radon and Homes

Reporting Codes	Radon Code Definitions	Total	Details
RHC1	Homes tested for radon	32,262	Represents distinct addresses
RHC2	Homes tested for radon during real estate transactions	?	We do not have a means to collect this information
RHC3	Homes mitigated for radon	3,967	Represents distinct addresses
RHC4	Homes built with radon-reducing features	?	We do not collect this information.

Radon and Builders

Reporting Codes	Radon Code Definitions	Total	Details
RBC1	Builders including radon-reducing features in all houses	?	We do not collect this information. However, we do know that various builders are incorporating RRNC features into homes.
RBC2	Builders including radon-resistant features in Zone 1 houses	?	
RBC3	Builders including radon-reducing features in Zone 1 & 2 houses	?	

Radon and Government

Reporting Codes	Radon Code Definitions	Total	Details
RGC1	Municipalities adopting radon-reducing code language	0	The townships are the one's who currently adopt Appendix F. During this reporting time period we are not aware of any townships adopting App. F.
RGC2	Counties adopting radon-reducing code language	0	The counties do not adopt.

RGC3	State adoption of radon-reducing code language	0	State has not adopted Appendix F (RRNC).
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Radon and Schools

Reporting Codes	Radon Code Definitions	Total	Details
RSC1	Schools tested for radon	6	
RSC2	Schools mitigated for radon	1	
RSC3	Schools built with radon-reducing features	?	

Radon and other Buildings

Reporting Codes	Radon Code Definitions	Total	Details
ROC1	Other buildings tested for radon	11,322	
ROC2	Other buildings mitigated	66	
ROC3	Other buildings built with radon-resistant features	?	

Radon Outreach/Education

Reporting Codes	Radon Code Definitions	Total	Details
OC1	# website hits or phone calls	67,058/861	Web site visits/technical staff phone calls
OC2	Individuals with measured increase in knowledge (ex/ if a pre-class and post-class test was completed)	0	
OC3	Individuals committing to a behavior change (rarely used)	0	
OC4	Individuals demonstrating behavior change (rarely used)	0	
OC5	Individuals with reduced exposure to indoor contaminants rarely used)	3,967	Homes mitigated from radon causes a reduced exposure to indoor contaminants.
OC6	Individuals with documented health improvements (rarely used)	0	No way to know this.

Misc Radon Data

Reporting Codes	Radon Code Definitions	Total	Details
ROP1	Radon test kits distributed (# kits distributed to residents during events, outreach efforts, phone calls, etc.)	38/353/9,795	38 through our Remedial Program, 353 through the Newborn Program, and 9,795 through the ALA Program.
ROP2	State, county, or local government creating or updating radon map.	0	
RO2	All other (anything not captured by all other codes; must contain details)	50,000	Number of the various radon publications that were sent out through the mail by Radon Division, and through the ALA outreach efforts.
OP1	Publication (print and/or web)	0	
OP2	Technical Guidance document	0	
OP3	Press/media event	3 and 250,000	Two DEP press releases, one concerning the ALA grant and the activities associated with it and the other being for the Radon poster Contest. Press release from the Dept. of Education to all schools regarding the Radon Poster Contest. Estimated that the three press releases may have reached ~ 250,000 people.
OP4	Conference, workshop, presentation or training event	3	Two training courses from ERRTC on Troubleshooting and Inspection of Mitigation Systems. Our DEP Southeast Regional office gave a 1.5 hour presentation on radon to staff in office.
OP5	Individuals educated, including media campaigns, events, lit. handouts, etc	2 and 50,000	Two press releases for the Radon Poster Contest. The 50,000 represents the various pubs. Sent out through our office and the ALA efforts. The two press releases went to the public schools so we estimate that about 3,000 people were reached.
OP6	Individuals trained	58	Through the two ERRTC courses (43), and 15 through our SE Regional Office.
OP7	Curricula or training course developed	0	

OP8	Free advertising provided	0	
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Organization:

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Additional Comments

Additional information not contained on previous pages includes:

52-Enforcement activities include 52 Notice of Violations sent out for violations of the regulations, standards, or protocols. Seven penalty conferences held whereby some type of monetary penalty was assessed for violations.

20-inspections were performed, either mitigation or testing.

70 firms or individuals had their testing certifications re-newed,

27 firms or individuals had their mitigation certifications re-newed, and 4 labs had their certifications re-newed.

During this same time period there were 22 new testing certifications issued, six new mitigation certifications issued, and one new lab certification issued.

Radon Division staff continue to work on various AARST committees, Testing in schools and large buildings, Mitigation of large buildings, and Measurement protocols.

Matt Shields attends the National Radon Meeting in Charleston, SC. Met with Dept. of Health to discuss their Cancer Prevention Plan.

Sent a "one-pager" to the PA State Assoc. of Township Supervisors on RRNC. Contacted the PA Realtors Association to offer speakers.